

SHEYIN AVONG

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Website: <https://sheyin.co.uk/>

Professional summary

MSc Applied Data Science student from the University of Central Lancashire with a strong foundation in data analysis, machine learning, and statistical modelling. Proficient in Python, R, and SQL, with hands-on experience developing predictive models using regression, classification, deep learning, and large language models (LLMs). Skilled at translating complex data into actionable insights and delivering practical AI solutions.

Relevant Projects

- RAG PDF Q&A (LLM, Streamlit, FAISS): Built a retrieval-augmented generation app to query PDFs, integrating sentence-transformer embeddings, FAISS retrieval, and LLMs (Qwen/Phi-3) with a Streamlit interface.
- Hand Gesture Recognition (Deep Learning, Computer Vision): Built and compared models (ResNet18, YOLOv8, MobileNetV2) for real-time gesture recognition, achieving interactive control of a Python-based driving game.

Please feel free to visit my website for more information on my projects.

Work history

Sales Colleague, 09/2024 – Present

Currys – Preston, Lancashire

- Provide advice on tech products and assist customers in making informed purchasing decisions.
- Meet and exceed sales targets while ensuring excellent customer service.
- Support inventory management and maintain an organised store environment.

Freelance Software Developer, 02/2023 – Present

- Designed and built a fully automated web-based certificate generation system using **Python (Flask)** for a training company. Enabling batch creation of certificates to streamline their manual certification process saving them hours.
- Customised chatbots, processes, workflows and sites.

Business Analyst Internship, 06/2022 – 12/2022

University of Central Lancashire – Preston, Lancashire

- Analysed and visualised data to support university decision making.
- Created dashboards and reports to communicate insights to stakeholders.
- Involved in stakeholder elicitation to gather requirements, performing system tests.

Skills

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| • Programming: Python, R, SQL, HTML, JavaScript, C# | • Data Science & ML: Pandas, NumPy, NLP, LLM, Deep Learning, Data |
| • Web Development: Flask, Laravel | Visualisation, Regression, Clustering, |
| • Project Management | Image Processing |
| • Problem Solving | • Version Control: Git, GitHub |
| • Cloud: AWS, Docker, Render, GCP | • Communication |

Education

BSc (Hons): Computing, 09/2019 - 06/2022

University of Central Lancashire - Preston, Lancashire

- GPA: 2:1
- Awarded [The School Award for Best Project by student on BSc Computing]
- Course Representative

MSc: Applied Data Science, 09/2024 – 09/2025

University of Central Lancashire - Preston, Lancashire

- Merit